

STARK MILL
(Westek Hogansville Plant)
117 Corinth Rd.
Hogansville
Troup County
Georgia

HAER No. GA-117

HAER
GA
143-HOVI,
6-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
U.S. Department of the Interior
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HISTORIC AMERICAN ENGINEERING RECORD

**STARK MILL
(WesTek Hogansville Plant)**

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143-HOVI,
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HAER No. GA-117

Location: Hogansville, Troup County, Georgia

Date of Construction: 1923-24

Engineer: Lockwood Greene Engineers, Boston, MA

Present Owner: WesTek Inc.

Present Use: Manufacturing industrial fabrics for tires and conveyor belts.

Significance: Starting in the early 20th century textile production was an important component of the local economy in Hogansville, Georgia. Stark Mill was built in 1923-24 by Lockwood Greene Engineers to transfer operations from Manchester, New Hampshire to a new Southern location. Transferring operations also gave Lockwood Greene Engineers the opportunity to build an up-to-date textile production facility. The new Stark Mill featured reinforced-concrete construction and an air conditioning system, reflecting the structural and technological developments of 1920s textile mill architecture.

Historian: Lisa Pfueller Davidson

Project Information: The former Stark Mill in Hogansville, Troup County, Georgia was first studied during 1998 by the Historic American Engineering Record Division (HAER), National Park Service, U. S. Department of the Interior. Documentation in Hogansville was cosponsored by HAER, the Historic Chattahoochee Commission, and the Troup County Historical Society, with local organization by Kaye Lanning Minchew, Director, Troup County Archives (LaGrange, GA). This project is part of the Southern Textile Industry Project conceived and begun by HAER Historian Dean Herrin. HAER Historian Lisa Pfueller Davidson conducted fieldwork and wrote the captions and history. Jet Lowe, HAER staff photographer, completed large format photographs.

Stark Mill, or WesTek Hogansville Plant as it is known today, is the only textile mill in the small town of Hogansville in Troup County, Georgia. Starting in the early twentieth century, textile production was an important component of the local economy. Urban locations like Columbia, South Carolina, Augusta, Georgia, and Huntsville, Alabama, have received attention as evidence of the maturation of Southern industry in a Northern urban mode. However, manufacturing sites of one or two mills scattered in smaller cities or unincorporated mill villages throughout the region are another important part of the Southern textile industry. The pattern of textile industry development in Hogansville reflects the low density industrial development found throughout the textile producing areas of the South. This brief case study will describe the textile industry in Hogansville, and look at the 1923-24 construction of Stark Mill and the mill neighborhood expansion in terms of textile industry trends of the 1920s.

Hogansville's first textile mill was a brick structure built by the Hogansville Manufacturing Company in 1900. The mill and a mill village neighborhood were located on Green Street north of the main commercial district and east of the railroad tracks. A variety of dwellings laid out on grid plan streets were constructed incrementally as the mill expanded operations (see photographs for HAER No. GA-121, GA-122, GA-123). An infirmary building, stores, and a community building provided services directly in the neighborhood. Lockwood Greene Engineers designed and built the community building for the Hogansville mill neighborhood in 1917. The community building was the most extensive facility provided for mill workers (see photograph for HAER No. GA-118). Amenities in the community building included meeting rooms, a bowling alley, swimming pool, and combination auditorium and gymnasium. The community building at Hogansville represents the larger shift to employee welfare programs in the Southern textile industry during the Progressive era, a strategy to offset high labor turnover and the criticism of reformers.¹

In 1913 Hogansville Mill had been acquired by International Cotton Mills, a manufacturing subsidiary of Lockwood, Greene & Co., a major industrial engineering firm. Lockwood Greene had been designing textile mills since the 1870s, but during the 1910s expanded to include directly owning and operating textile mills. The nearby LaGrange Mill was also owned and operated by International Cotton Mills. Lockwood Greene conducted a study in 1922 to "report on the advisability of building [a] new mill at Hogansville or LaGrange, GA."² They chose Hogansville, perhaps because LaGrange already had a number of textile mills and open land was readily available right near the existing Hogansville Mill.

In spite of a 1919-20 boom in the price of tire fabric to \$1.50 per pound, a post-World

¹For a series of photographs of Hogansville Mill and village in this period, see "Souvenir from the International Cotton Mills" (11 October 1919), PM-1012, Troup County Archives, LaGrange, GA.

²Lockwood, Greene & Co., Inc., *Directory of Work*, 8th edition, 1926.

War I slump in the Northern textile industry made the South's cheaper production costs particularly desirable.³ To offset the waning profitability of their northern mills, the Lockwood, Greene & Co. Managers division, including International Cotton Mills, increasingly expanded manufacturing operations in the South. In 1923 International Cotton Mills was renamed New England Southern Mills, a name that clearly indicates both the Northern origins and new Southern emphasis of this Lockwood Greene subsidiary. That same year construction began on Stark Mill to expand operations in Hogansville.⁴ The name Stark Mill comes from Stark Mills in Manchester, New Hampshire, a tire fabric mill previously owned by International Cotton Mills, but sold in 1920. Now the new Hogansville Stark Mill would make tire fabric, an example the Southern migration of textile mill in the early twentieth century. In this instance machinery for the new Stark Mill was a mix of the best equipment from Warner Mill in Newburyport, Massachusetts, and LeRoy Mill in LeRoy, New York, two of the oldest held by International Cotton Mills. This machinery was shipped South to equip the new mill in Hogansville.⁵

The new Stark Mill was designed by the main Boston office of the Lockwood, Greene & Co. Engineers division, and construction was supervised by the Atlanta office.⁶ Transferring operations to Hogansville from Manchester, New Hampshire gave Lockwood Greene the opportunity to build an up-to-date textile production facility. Stark Mill was built with reinforced concrete, indicating a shift toward modern building materials like concrete and steel, and away from timber and brick slow burning mill construction that had dominated the textile industry for almost forty years. Reinforced concrete technology existed in previous decades, but by the 1920s it was becoming popular for industrial architecture. In *The Rational Factory*, Lindy Biggs describes the introduction of reinforced concrete construction as "revolutioniz[ing] the factory building." Fewer columns and larger windows were structurally possible, vibration and its related maintenance and discomfort problems were almost eliminated, and the improved fireproof qualities reduced insurance premiums.⁷

As reinforced concrete construction became cheaper and more widely used in the early twentieth century, two structural systems became common - beam and girder, or flat slab construction. Beam and girder construction mimics steel frame construction, with the gradual

³Samuel E. Lincoln, *Lockwood Greene: History of an Engineering Business, 1832-1958* (Brattleboro, Vermont: Stephen Greene Press, 1960), 553, 477.

⁴Lockwood Greene modernized Hogansville Mill during 1923-1924 as well. This facility then had 11,000 spindles making hose and belting duck.

⁵Lincoln, 557.

⁶*Ibid.*, 477.

⁷Lindy Biggs, *The Rational Factory: Architecture, Technology and Work in America's Age of Mass Production* (Baltimore and London: The Johns Hopkins University Press, 1996), 52-53.

elimination of unnecessary intermediate beams as a greater understanding of the material possibilities of concrete was achieved. Flat slab is a more advanced structural system that eliminates the deep girders and provides flaring capitals on the columns to act as support for the flat slab above.⁸ Stark Mill uses the more conservative beam and girder structural system, perhaps indicative of the relatively recent popularity of reinforced concrete industrial construction in the early 1920s (see photograph HAER No. GA-117-9). The warehouse and boiler house were built with traditional slow burning mill construction, perhaps because reinforced concrete was still rather expensive.

The new Stark Mill also featured an elaborate air conditioning system that is still extant. The use of humidifying equipment was pioneered in textile manufacturing, mainly to provide optimal climatic conditions for processing cotton, and as a secondary concern, to increase employee comfort and efficiency. Early examples of air conditioning had been used in cotton mills starting during the first decade of the century. Initially these systems just involved humidifying the air, but temperature control was included as they became more sophisticated. Charlotte mill engineer and textile entrepreneur Stuart Cramer coined the term "air conditioning" in 1906, and his company merged with the Parks Co. in 1918. Parks-Cramer Co. of Fitchburg, Massachusetts, installed the Hogansville equipment. Lockwood Greene records describe it as "a central air-conditioning system which supplies and circulates fresh air at uniform temperature with suitable humidity to the various departments."⁹

Two large ventilation houses on the roof of the Hogansville Mill contain the bulk of the ventilation equipment including air washers, fans and other humidifying apparatus. Lockwood Greene records describe the advantages of this placement, which they considered unusual in the textile industry:

It becomes unnecessary to construct a large basement or to take up valuable space on one of the main floors for the location of the apparatus. All underground air tunnels are eliminated, together with extra foundation expense caused by same.

⁸George A. Hool, and W. S. Kinne, eds., *Reinforced Concrete and Masonry Structures* (New York and London: McGraw-Hill Book Company, Inc., 1924), 160-161. See also Emile G. Perrot, "Chapter XXV Reinforced-Concrete Factory and Mill Construction" in *The Architects' and Builders' Handbook*, Frank E. Kidder and Thomas Nolan, eds., New York: John Wiley & Sons, 17th ed., 1921.

⁹This information came from the caption for Photograph #P-1518-2 in an unprocessed collection of photographs at the current Lockwood Greene headquarters in Spartanburg, SC. A large collection of drawings from the former Boston headquarters is now housed at the National Museum of American History, Smithsonian Institution, Washington, DC. For more information on the development of air-conditioning see Gail Cooper, *Air-conditioning America: Engineers and the Controlled Environment, 1900-1960* (Baltimore and London: The Johns Hopkins University Press), 1998.

The construction of large outside flues or risers is eliminated. The fans and air conditioning apparatus are located at the nearest possible point to the spinning room, which has the greatest requirement for cooling, and which in many mills is located in the top story.

The distributing ducts drop directly through the center of the mill, diminishing in size rapidly after leaving the spinning room, and travel by the shortest possible distance from the apparatus to the center of the space to be served. The overall cost of this type of installation, including equipment and space for housing same and for distribution of air is less than by any other arrangement.

Large vertical air shafts under each ventilation house allow the air to circulate easily through horizontal ductwork to the entire three-story mill structure. Another beneficial feature is two fans sharing the same air shaft in the south ventilation house. This dual arrangement could provide more ventilation, or allow savings in operating costs by shutting down one fan when not needed.¹⁰

Electric-powered production was another progressive feature at Stark Mill. The boiler house only provided heat for the mill while electric power for production was purchased. Switching from previously common steam-driven belts and shafting to electric motors allowed new flexibility in factory layout. Other advantages included easier maintenance and a more consistent power source than with the exposed belting previously common. As a new mill structure, Stark Mill was better able to capitalize on the advantages of electrically driven production than older, retrofitted mills.¹¹

Like the new housing and community building constructed after International Cotton Mills acquired Hogansville Mill in 1913, construction of Stark Mill also necessitated expanding the mill neighborhood. A 1920 Lockwood Greene brochure describes the goals of their initial work in the Hogansville Mill village:

This was an ordinary mill village with rather more than its share of dirt and discontent. We began by painting. Then we fixed up the standing houses in good shape and built many new ones. Plenty of room was left for gardens and lawns. We planted trees and shrubbery, graded streets, laid sidewalks, installed water and sewer systems, put all wires underground. ... Today, Hogansville is a joy to the eye. Better still, workers like to live there and they take pride in their homes and

¹⁰Lockwood Greene photograph #P-1518-3. Original photographs are located at the Lockwood Greene corporate offices, Spartanburg, SC. Copies available at the Troup County Archives, LaGrange, GA.

¹¹Biggs, 85; Betsy W. Bahr, "New England Mill Engineering: Rationalization and Reform in Textile Mill Design, 1790-1920" (Ph.D. Dissertation, University of Delaware, 1987), 215-216. Bahr also mentions a debate among engineers about the amount of advantage gained with new construction.

their town.¹²

Lockwood Greene promoted the practicality of good worker housing, saying elsewhere in the brochure, "so has industrial housing ceased to appeal merely to the sentimental interest of business men, and has come to be recognized today as a big economic proposition."¹³ A two-story Colonial Revival house was built for the superintendent at the corner of Routes 100 and 29 near the new mill (see photograph HAER No. GA-119-1). This house had seven rooms, bath, screened outside porch and sleeping porch, and a garage. Along Route 100 also close to the new mill Lockwood Greene built five front gable bungalows to house overseers for the new mill (see photographs for HAER No. GA-120). The overseers houses each had five rooms and a bath, and cost approximately \$2800. The use of Colonial Revival and bungalow designs reflected both the corporate hierarchy of the mill, and the latest in vernacular housing. The Colonial Revival superintendent's house was obviously the largest and most elaborate new house.

Other new worker housing was added in the existing neighborhood to the east, continuing the grid street plan of the mill village. Housing closest to the original Hogansville Mill was built at the turn of the century using Southern vernacular forms. For example, 107 Green Street is a duplex with steep pyramidal roof and square plan (see photograph HAER No. GA-123-1). 109 Green Street, also from the early development of the Hogansville Mill village has a hall-and-parlor plan (see photograph HAER No. GA-122-1). When the village was expanded for Stark Mill workers, 128 new houses with three, four, or five rooms were built. 502 Askew Avenue (HAER No. GA-121) was one of these new houses. It has a side gable form with a few popular Craftsman-style details such as the exposed rafters in the eaves and along the front of the porch roof. The other popular house form built during the 1923-24 expansion of the mill village was a front gable bungalow like those built for the overseers on Corinth Road. In the mill village neighborhood these houses were used as duplexes to hold two families of operatives.¹⁴

Stark Mill thrived during the boom years of the 1920s. In 1925 Lockwood, Greene & Co. Managers operated Lancaster Mills, Clinton, MA; The Lawton Mills Corp., Plainfield, CT; New England Southern Mills (included Hamilton, Ont.; Hogansville and LaGrange, GA; Lisbon, ME; Pelzer, SC; Tucapau, SC; and Yarmouth, N.S.), Roxbury Carpet Company, Saxonville, MA; and Winnsboro Mills, Winnsboro, SC. The design business had expanded by 1925 to include the main office in Boston, and satellite offices in Atlanta, Chicago, New York, Cleveland, Detroit, Montreal, Charlotte, NC, and Spartanburg, SC. Lockwood Greene sold both Hogansville mills to

¹²Lockwood, Greene & Co. Engineers, *Industrial Housing* (Boston: Lockwood, Greene & Co., 1920), 8.

¹³*Ibid.* 3.

¹⁴Lockwood Greene Photographs #P-1519-1, #P-1519-2, and #P-1519-3. See also Steven H. Moffson, "Stark Mill and Mill Village Historic District," Troup County, Georgia. National Register of Historic Places Registration Form, 2000, U.S. Department of the Interior, National Park Service, Washington, D.C.

the LaGrange company Callaway Mills in 1928, and in 1931 Callaway sold Stark Mill to U.S. Rubber.¹⁵

During World War II, U.S. Rubber expanded its operations in Hogansville by purchasing the old Hogansville Mill as well. Tire fabric was still in high demand, but the Southern textile industry began to slump during the post-war period. Some new housing was built along Royal, White, and Whaley streets, but U.S. Rubber also began to sell many of the older houses to its workers during 1943-46. A 1944 survey map indicated that there were approximately 315 houses in the village. Like many Southern mill villages, the World War II period would be the peak of expansion in Hogansville before a slow decline in the 1950s and 1960s. The community building fell into disrepair, and the original Hogansville Mill (then called Reid Mill) was torn down during the 1960s. Uniroyal acquired and continued to operate the Stark Mill, but the textile industry of Hogansville was no longer as important to the local economy as it had been in previous years.¹⁶

Today, the Stark Mill remains largely intact. A windowless, one-story addition was built on the north end of Stark Mill to replace the weaving facilities lost when the old Hogansville Mill was demolished in the 1960s. Some of the original windows, including the roof monitor have been bricked in, but the majority were just painted over. Only a small portion of the former Stark Mill is now being used by WesTek, Inc. to produce rubberized industrial fabrics for tires and conveyor belts. The survival of the 1923-24 mill, warehouses, and boiler house with relatively few alterations provides a useful illustration of 1920s Southern textile mill development and a remaining piece of the once vibrant textile industry of Hogansville and Troup County, Georgia.

¹⁵Lockwood Greene & Co., Engineers, *Serving the Textile Industry in the South* (Boston: Lockwood, Greene & Co., Inc., 1925), n.p.; Jane M. Strain, ed., *History of the Town of Hogansville, 1830-1970* (n.p., n.d.), 17.

¹⁶Strain, 17.

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APPENDIX I: TEXTILE DIRECTORY DATABASE REPORT

Textile Directory Database - Methodology

The Textile Directory Database uses selected editions of three textile industry directories housed in the Library of Congress. These directories are *Davison's Textile Blue Book* (New York: Davison Publishing Co.), *Dockham's American Trade Reports and Directory of the Textile Manufacture and Dry Goods Trade* (Boston: C.A. Dockham and Co.), and *Textile Manufacturers' Directory of the United States or American Textile Directory* (New York: American Directory Co., Inc.). The names of these directories vary somewhat over the years.

The directory years range from 1866 to 1940, with the most thorough coverage from approximately 1890-1920. The directory editions included in the database are roughly every five years, but availability created gaps for some directories and allowed additional years for others. *Davison's Textile Blue Book* is the most consistent and well-represented directory in the database with editions for every two to four years from 1888 to 1940 included. *Dockham's American Trade Reports* provides the earliest coverage starting in 1866 and going up to 1925, but with large gaps in availability. *Textile Manufacturers' Directory* is available for the years from 1874 to 1911 only, but consistently every two to five years.

The database compiles a standard set of information from all of the included directories: mill name, directory date, directory name, company, date, capital, product, number of spindles - ring, twist and type not available, number of looms - broad, narrow, and type not available, power source, number of employees, and miscellaneous notes. Empty fields for any of these categories indicate that information was not available for that year. The information in the textile directory database is only as reliable as the original directories, and it is important to know that inconsistencies do appear in the original listings. All information has been transcribed as presented in the original directories. Comparing directories or editions is useful for determining the relative accuracy of specific listings.

Each textile directory report includes all of the entries available in the database for a given county, town or mill. This phase of the Textile Industry Database includes entries for LaGrange and Hogansville, Georgia; Valley, Selma and Huntsville, Alabama; and Graniteville, South Carolina. The database will be expanded along with the HAER Southern Textile Industry Survey.

Notes on Specific Fields:

Mill (name): Historic name changes sometimes make a specific mill difficult to track. Where possible, name changes are noted in the Notes field, or location and company name can be used to identify a mill by its historic name.

Directory Date and Directory: These two fields identify the year and type of directory that entry

was from.

Davisons = *Davison's Textile Blue Book*

Dockhams = *Dockham's American Trade Reports and Directory of the Textile Manufacture and Dry Goods Trade*

Textile = *Textile Manufacturers' Directory of the United States or American Textile Directory* (name varies).

Company: While these directory reports are sorted primarily by mill name, the company name is included for all entries to show consistency or changes in ownership.

Date: The date in this field either refers to the year of incorporation for the mill or the year operations began, as listed in the directory. Inconsistencies in this field generally result from this difference, or indicate that the mill was reincorporated.

Capital: Sometimes the capital amount given for a certain mill actually refers to the capital for a larger company operating multiple mills. This fact is mentioned in the Notes field where possible.

Product: The types of fabrics and yarns made at the mill during that directory year are listed.

Spindles (Ring, Twist, or Type Not Available): The numbers reported in the directories usually appear to be estimates rounded to the nearest 100 or 1000.

Looms (Broad, Narrow, or Type Not Available): The numbers reported in the directories usually appear to be estimates rounded to the nearest 100. When the specific size of loom was mentioned, that information appears in the Notes field.

Power: It is often not clear from the directories when a mention of electric power means just for lighting or for operating machinery as well.

Employs: The numbers reported in the directories usually appear to be estimates rounded to the nearest 10.

Notes: This field contains miscellaneous information where appropriate, sometimes including amounts additional types of machinery such as cards and pickers.

Textile Directory Listings for Hogansville, Georgia, 1899-1940

Directory Date	Directory	Mill	Company	Data	Capital	Product	Spindles -Ring	Spindles -Twist	Looms- Broad	Looms- Narrow	Looms- Type	Power	Employ	Notes
1900-01	Devisons	Hogansville Mill	Hogansville Mfg. Co.	1899	\$100,000.00	duck and yams	5,290				65	steam	175	26 cards, new mill
1901	Dockhams	Hogansville Mill	Hogansville Mfg. Co.	1899	\$100,000.00	duck and yams	5,200				54	steam		yams sold direct
1904-05	Davisons	Hogansville Mill	Hogansville Mfg. Co.	1900	\$100,000.00	cotton belting, duck, cotton fire hose, cotton hammocks	5,184		42	12			160	26 cards
1905	Dockhams	Hogansville Mill	U.S. Cotton Duck Corp.	1899	\$100,000.00	duck and yams	5,200		16	38		steam		do not dye
1905-06	Devisons	Hogansville Mill	Hogansville Mfg. Co.	1900	\$100,000.00	cotton belting, duck, cotton fire hose, cotton hammocks	5,184		42	12			160	26 cards
1905-06	Textile	Hogansville Mill	Hogansville Mfg. Co.	1899	\$100,000.00	duck and yams	5,200				65	steam	175	26 cards
1906-07	Davisons	Hogansville Mill	Hogansville Mfg. Co.	1900	\$100,000.00	cotton belting, duck, cotton fire hose, cotton hammocks	5,184		42	12			160	26 cards
1910-11	Textile	Hogansville Mill	Consolidated Cotton Duck		\$100,000.00	heavy duck and yams in skains	5,200	1,400			65	steam		
1910-11	Davisons	Hogansville Mill	Consolidated Cotton Duck Co.			cotton belting, duck, cotton fire hose, cotton hammocks	5,184		54			steam	160	26 cards, see Baltimore
1914	Dockhams	Hogansville Mill	Hogansville Mfg. Co.	1899	\$100,000.00	duck end yams	5,184		28	26		steam		do not dye

Directory Date	Directory	Mill	Company	Date	Capital	Product	Spindles -Ring	Spindles - Twist	Looms- Broad	Looms- Narrow	Looms- Type	Power	Employ	Notes
1914-15	Davisons	Hogansville Mill	International Cotton Mills			cotton belting, duck, cotton fire hose, cotton hammocks	5,184		87			steam	160	28 cards
1916-17	Davisons	Hogansville Mill	International Cotton Mills			cotton belting, duck, cotton fire hose, cotton hammocks	5,184		50			steam	160	3 boilers, 28 cards
1918-19	Dockhams	Hogansville Mill	International Cotton Mills			ducks and yams	10,368		96			electric		see Boston
1922	Devissions	Hogansville Mill	International Cotton Mills			cotton belting and hosa duck	11,232	2,432			84	steam & elec.	275	115 cards, 3 boilers, see Boston
1925	Davisons	Hogansville Mill	New England Southern Mills			cotton belting, hose and duck	11,232	2,432			100	electric	275	115 cards
1925	Davisons	Stark Mill	New England Southern Mills			tire fabric	35,000	16,000			121			see Boston
1925	Dockhams	Stark Mill	New England Southern Mills			tira fabrics	35,568				121	electric (buy)	340	company from Boston
1925	Dockhams	Hogansville Mill	New England Southern Mills			ducks, yams	10,232		100			electric (buy)		company from Boston
1927-28	Davisons	Stark Mill	New England Southern Mills			tire fabrics	35,568	16,056			124	electric	390	120 cards, 2 boilers
1927-28	Davisons	Hogansville Mill	New England Southern Mills			cotton belting, hose and duck	11,232	2,432			100	steam & elec.	260	115 cards,
1930	Davisons	Hogansville Mill	Calumet Cotton Mills	1928	\$2,000,000.00	hose and belting duck	11,232	2,432	100			electric	230	115 cards, 6 gametts, 8 pickers, mill listed under Calumet in LaGrange
1930	Davisons	Stark Mill	Calumet Cotton Mills		\$2,000,000.00	tire cord fabric	35,568	18,048	32			electric		120 cards
1932	Davisons	Stark Mill	Winnsboro Mills			tire cord	35,568	19,176				steam	650	149 cards, 2 boilers

Directory Date	Directory	Mill	Company	Date	Capital	Product	Spindles -Ring	Spindles - Twist	Looms- Broad	Looms- Narrow	Looms- Type N/A	Power	Employ	Notes
1932	Davisons	Calumet Hogansville Mill	Calumet Cotton Mills	1928	\$2,000,000.00	hose and belting duck	11,232	2,432	100			steam & elec.	230	115 cards, 3 boilers
1935	Davisons	Stark Mill	U.S. Rubber Products			tire cord and fabric	35,568	19,176	25				860	149 cards, output consumed by U.S. Rubber Co.
1935	Davisons	Calumet Hogansville Mill	Callaway Mills			hose and belting duck	12,096				131	electric	268	98 cards
1940	Davisons	Stark Mill	U.S. Rubber Co.			tire cord and fabric for own use	37,452	26,048	10			steam	916	194 cards, 2 boilers
1940	Davisons	Hogansville Plant	Callaway Mills			duck	12,096				117	steam & elec.	160	98 cards, 3 boilers